

AMENDMENTS TO THE SPECIFICATION:

Please amend paragraph [0021] as follows:

[0021] The structure mainly composed of silicon-oxygen bonds may be ~~polycyclohexane~~ polysiloxane. The number of side chains on a main chain is not specifically limited. However, from the standpoint of the balance among proton conductivity, strength and oxygen permeability, it is preferable that every one of about two to ten carbon-carbon bonds (or silicon-oxygen bonds) in a main chain have a side chain.